1. Solve each equation. Verify the solution.

|  |  |
| --- | --- |
| Solve | Verify |
| 1. $4\left(p-6\right)=36$
 |  |
| 1. $10\left(a+8\right)=30$
 |  |
| 1. $-3\left(b-5\right)= -27$
 |  |
| 1. $7\left(-y+2\right)=28$
 |  |

1. The price of a T-shirt was reduced by $5. Peter bought 6 T-shirts for his friends. The total cost of the T-shirts, before taxes, was $90. What was the cost of a T-shirt before it was reduced?
2. Write an equation to model this problem.
3. Solve the problem.
4. Verify the solution.
5. Marc has some hockey cards. His friends gave him 4 more cards. Marc says that if he now triples the number of cards he has, he will have 27 cards. How many cards did Marc start with?
6. Write an equation to model this problem.
7. Solve the problem.
8. Verify the solution.